FROM: OLDENKAMP

FAX No. : 787-7420352



**PATENT** Attorney Docket No. 0179.0043

hereby certify that on March 16, 2004 this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 37 CFR 1.10 as Express Mail Post Office with sufficient postage es first class mail to Addressee' Mailing Label ayle Vinson

Serial No. 10/733,609 Filed: December 10, 2003 Title: CONTROL OF RESIN FLOW **DURING MOLDING OF COMPOSITE** 

**ARTICLES** 

Applicants: Philip C. Hadley Group Art Unit No. n/a

Examiner: n/a

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

of person mailing paper)

## Information Disclosure Statement

Sir:

In recognition of the duty to disclose all relevant and material information of which they are aware, applicants direct the Examiner's attention to the references listed on the attached PTO Forms SB/08A and SB/08B. A copy of each non-patent cited reference is enclosed.

Dated: March 15, 2004

Respectfully submitted,

SHAPIRO & DUPONT LLP

233 Wilshire Boulevard, Suite 700 Santa Monica, California 90401

(310) 319-5411 (Telephone)

(310) 319-5401 (Facsimile)

PTO/SB/08A (08-03)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/P

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 Sheet

Complete if Kn	iown
Application Number	10/733,609
Filing Date	December 10, 2003
First Named Inventor	Philip C. Hadley
Art Unit	not assigned
Examiner Name	not assigned
Attorney Docket Number	0179.0043

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-	4,101,459	07-18-1978	ANDREWS	
	2	US-	4,668,736	05-26-1987	ROBINS ET AL.	
	3	US-	5,198,146	03-30-1993	SHOMER	
	4	US-	5,442,035	08-15-1995	CORLEY ET AL.	
	5	US-	5,958,593	09-28-1999	SHOMER	
		US-				
		US-				
		US-				
		US-				
		US-				
	l	US-				
		US-				
		US-				
		US-	_			
		US-				
		US-	_			

	FOREIGN PATENT DOCUMENTS						
	0:1-	Foreign Patent Document	Bullian No. Bata	Maria of Datastan sa	Pages, Columns, Lines,		
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
						<del> </del>	
						<del> </del>	
						<u> </u>	
						<u></u>	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

<sup>\*\*</sup>Conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English Japanese Translation is attached. English language Translation is attached.

PTO/SB/08B (08-03)

Approved for use through 06/30/2006 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/733,609	
INFORMATION DISCLOSURE				Filing Date	December 10, 2003	
STATEMENT BY APPLICANT			ANT	First Named Inventor	Philip C. Hadley	
(use as many sheets as necessary)			essary)	Art Unit	not assigned	
	_			Examiner Name	not assigned	
Sheet	2	of	2	Attorney Docket Number	0180.0043	

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>			
	6	BUTLER, D., ENGEL, R.S., "ON THE USE OF EMBEDDED GRAPHITE PATCHES FOR CURE IN RESIN TRANSFER MOLDING," Proceedings of ICCM-10, Whistler, B.C., Canada, August 1995 (pps. 269-276).				
	7	BAAKLINI, G., LEBOWITZ, C.A., BOLTZ, E.S., "NONDESTRUCTIVE EVALUATION OF AGING MATERIALS AND COMPOSITES IV," Proceedings of SPIE Vol. 3993 (2000) (pps. 19-22).				
		· · · · · · · · · · · · · · · · · · ·				
:						

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.